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UNM LEARN

Course Home   Module 1   **Take Test: Quiz 1.5**   ?

Take Test: Quiz 1.5

Test Information

Description	
Instructions	
Multiple Attempts	This test allows multiple attempts.
Force Completion	This test can be saved and resumed later.

QUESTION 1   1 points   Saved
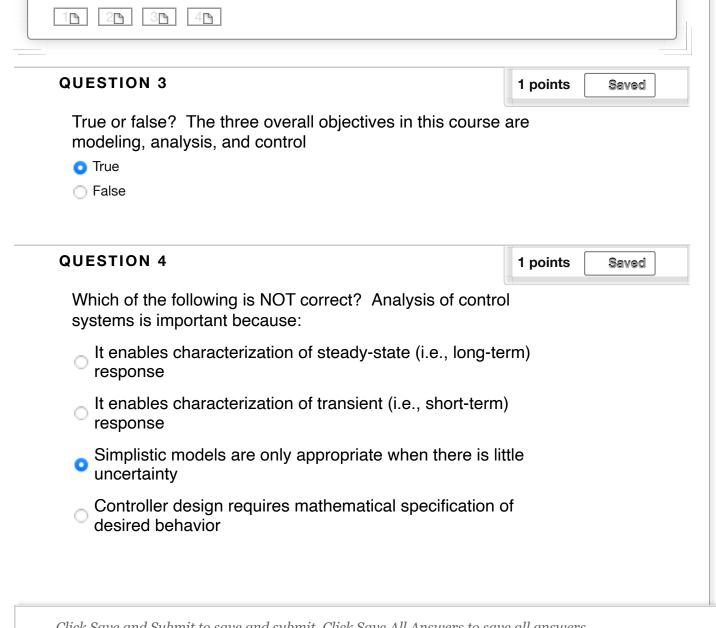
Which of the following is correct?

○ Mathematical modeling is not used in controller design

● Mathematical modeling is important for controller design

○ Mathematical modeling is relevant only if the system has actuators and sensors

○ Mathematical modeling is helpful, not necessary, for controller design

QUESTION 2   1 points   Saved

The two types of modeling we will use in this class are:

○ Differential equations and state-space models

○ Time domain and state-space domain

✦ Question Completion Status:

1📄 2📄 3📄 4📄

QUESTION 3

| 1 points | Saved |

True or false? The three overall objectives in this course are modeling, analysis, and control

- 🔘 True
- ⚪ False

QUESTION 4

| 1 points | Saved |

Which of the following is NOT correct? Analysis of control systems is important because:

- ⚪ It enables characterization of steady-state (i.e., long-term) response
- ⚪ It enables characterization of transient (i.e., short-term) response
- 🔘 Simplistic models are only appropriate when there is little uncertainty
- ⚪ Controller design requires mathematical specification of desired behavior

Click Save and Submit to save and submit. Click Save All Answers to save all answers.